

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

APPARATUS AND METHOD FOR AN ENHANCED READING  
DEVICE WITH AUTOMATIC LINE REGISTRATION

Application Number :

10/604,222

Confirmation Number:

First Named Applicant:

Eric Bradbery

Attorney Docket Number:

P02049001

Art Unit:

Examiner:

Search string:

( 6166857 or 5729283 or 5586196 or 5136151 or 5046163 or 4928170 or 4136361  
or 3993865 or 3816646 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CL	1	6166857	2000-12-26	Arai et al.		G02B	27/14
CL	2	5729283	1998-03-17	Meyer et al.		H04N	7/18
CL	3	5586196	1996-12-17	Sussman		G06K	9/00
CL	4	5136151	1992-08-04	Kobayashi		H01J	40/14
CL	5	5046163	1991-09-03	Priest et al.		H04N	7/00
CL	6	4928170	1990-05-22	Soloveychik et al.		H04N	7/18
CL	7	4136361	1979-01-23	Doan		H04N	7/00
CL	8	3993865	1976-11-23	Browne et al.		H04M	3/10
CL	9	3816646	1974-06-11	Cinque		H04N	7/18

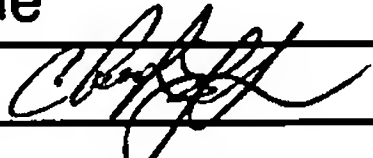
## Remarks

Note: Remarks are not for responding to an office action.

6,166,857 to Arai et al. discloses an electronic device for enlarging print type for visually impaired readers. The device uses an electronic scanner to read text from page which is then displayed on an electronic display unit which has a physical design similar to spectacles. 5,729,283 to Meyer et al. discloses a hand-held electronic scanner which outputs data to a television screen which displays an enlarged image of the scanned data. 5,586,196 to Sussman discloses a computerized digital document magnifier used for enlarging text data. The device scans in an entire page, determines locations of text, columns, etc. and presents the data on a computer monitor. It automatically combines lines of text on an entire page which

is then displayed as a single line of text which rolls across the display screen. 5,136,151 to Kobayashi discloses a portable image reading device for a personal computer. 5,046,163 to Priest et al. discloses a handheld scanning device for use with image enlarging CCTV systems. 4,928,170 to Soloveychik et discloses a focus control mechanism for an image magnification system. 4,136,361 to Doan discloses a handheld image scanning device which is shaped like a pen. The scanning device includes an RF transmitter which communicates with a television display that presents an enlarged image of the scanned text transmitted by the scanner. 3,993,865 to Browne et al. discloses a handheld electronic scanner which outputs scanned text data on a line by line basis. 3,816,646 to Cinque discloses a television enlarging device for reading. The device is similar in structure to a conventional microfiche reader, with the exception that the optical system is replaced with a television camera and display unit. The device is hand manipulated by the reader and does not provide automatic registration capability as the reader progresses from line to line.

### Signature

Examiner Name	Date
<i>Cheukfan Lee</i> 	<i>5-17-06</i>